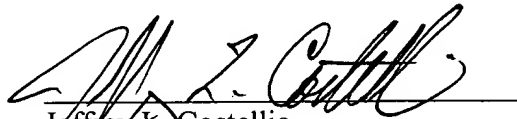


application into better form for U.S. practice by amending "Group 15" to the more accepted Periodic Table identifier (CAS version) utilized in the U.S. to read "Group VA". Accordingly, it is submitted that no new matter has been added and therefore, examination on the merits is respectfully requested.

The Commissioner is hereby authorized to charge any deficiencies in fees or to credit any overpayment to counsel's Deposit Account No. 19-2380.

Respectfully submitted,



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Periodic table of the elements

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
Group IA	IIA	IIIA	IVA	VA	VIA	VIIA	VIIIA	VIIIA	VIIIA	VIIIA	VIIIA	IIIB	IVB	VB	VIB	VII	VIIIA
1 H 1.0079	2 He 4.00260	3 Li 6.941	4 Be 9.01218	5 B 10.81	6 C 12.011	7 N 14.0067	8 O 15.9994	9 F 18.9984	10 Ne 20.179	11 Na 22.9898	12 Mg 24.305	13 Al 26.9815	14 Si 28.0855	15 P 30.9738	16 S 32.06	17 Cl 35.453	18 Ar 39.948
19 K 39.0983	20 Ca 40.08	21 Sc 44.9559	22 Ti 47.88	23 V 50.9415	24 Cr 51.996	25 Mn 54.9380	26 Fe 55.847	27 Co 58.9332	28 Ni 58.69	29 Cu 63.546	30 Zn 65.39	31 Ga 69.72	32 Ge 72.59	33 As 74.9216	34 Se 78.96	35 Br 79.904	36 Kr 83.80
37 Rb 85.4678	38 Sr 87.62	39 Y 88.9059	40 Zr 91.224	41 Nb 92.9064	42 Mo 95.94	43 Tc (98)	44 Ru 101.07	45 Rh 102.906	46 Pd 106.42	47 Ag 107.868	48 Cd 112.41	49 In 114.82	50 Sn 118.71	51 Sb 121.75	52 Te 127.60	53 I 126.905	54 Xe 131.29
55 Cs 132.905	56 Ba 137.33	57 La 138.908	58 Ce 140.12	59 Pr 140.908	60 Nd 144.24	61 Pm (145)	62 Sm 150.36	63 Eu 151.96	64 Gd 157.25	65 Tb 158.925	66 Dy 162.50	67 Ho 164.930	68 Er 167.26	69 Tm 168.934	70 Yb 173.04	71 Lu 174.967	72 Hf 178.49
87 Fr (223)	88 Ra 226.025	89 Ac 227.028	90 Th 232.038	91 Pa 231.036	92 U 238.029	93 Np 237.048	94 Pu 244	95 Am 243	96 Cm 247	97 Bk 247	98 Cf 251	99 Es 252	100 Fm 257	101 Md 258	102 No 259	103 Lr 260	104 Unq (261)
107 Unh (263)	108 Unp (262)	109 Uns (262)	110 Unq (261)	111 Unp (262)	112 Unh (263)	113 Unp (262)	114 Unh (263)	115 Unp (262)	116 Unh (263)	117 Unp (262)	118 Unh (263)	119 Unp (262)	120 Unh (263)	121 Unp (262)	122 Unh (263)	123 Unp (262)	124 Unh (263)

Note: Atomic masses shown here are the 1983 IUPAC values (maximum of six significant figures), a Symbols based on IUPAC systematic names.

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Element

Actinium  
Aluminum  
Americium  
Antimony  
Argon  
Arsenic  
Astatine  
Barium  
Berkelium  
Beryllium  
Bismuth  
Boron  
Bromine  
Cadmium  
Calcium  
Californium  
Carbon  
Cerium  
Cesium  
Chlorine  
Chromium  
Cobalt  
Copper  
Curium  
Dysprosium  
Einsteinium  
Erbium  
Europium  
Fermium  
Fluorine  
Francium  
Gadolinium  
Gallium  
Germanium  
Gold  
Halfnium  
Helium  
Holmium  
Hydrogen  
Indium  
Iodine  
Iridium  
Iron  
Krypton  
Lanthanum  
Lawrencium  
Lead  
Lithium  
Lutetium  
Magnesium  
Manganese  
Mendelevium